7Inch On-Camera Field HD Monitor

Operation Manual

Dear users:

Thank you for purchasing our On-Camera Field HD Monitor Kit.
This 7" Pro HD Monitor is designed to be used as an external video display, allowing you to step back from the camera while still being able to frame and capture the action without having to look through the cameras built-in viewfinder. This monitor is light weight, low power consumption and low cost make it ideal to use with any Pro Video Camera, DSLR, DV and HD Video Camera. With high resolution 1024*600pixel, 700:1 High Contrast Ratio, HDMI, Component, Composite Video, Audio Input and HDMI Output (Optional).
Whether mounted on your camera with a shoe mount, on your tripod with an arm and clamp or near the camera with the included stand, it will provide you with instant playback of your footage wherever you are.

To ensure the best use of this product, please read this manual carefully beforehand.

CAUTION

1. Please use the adapter attached in the accessory, if necessary, please use qualified adapter.
2. Please do NOT expose this product to direct sunlight, heat, or humid conditions.
3. Please keep away from strong light while using this product to ensure the image effect and long-term use.
4. Please avoid heavy impact or drop onto the ground.
5. Please do NOT use chemical solutions to clean this product. Please wipe with a clean soft cloth to maintain the brightness of the surface.
6. Without adjustable component in the unit, please do not take apart or repair the unit by yourself, to avoid damage the product.

CONTENTS

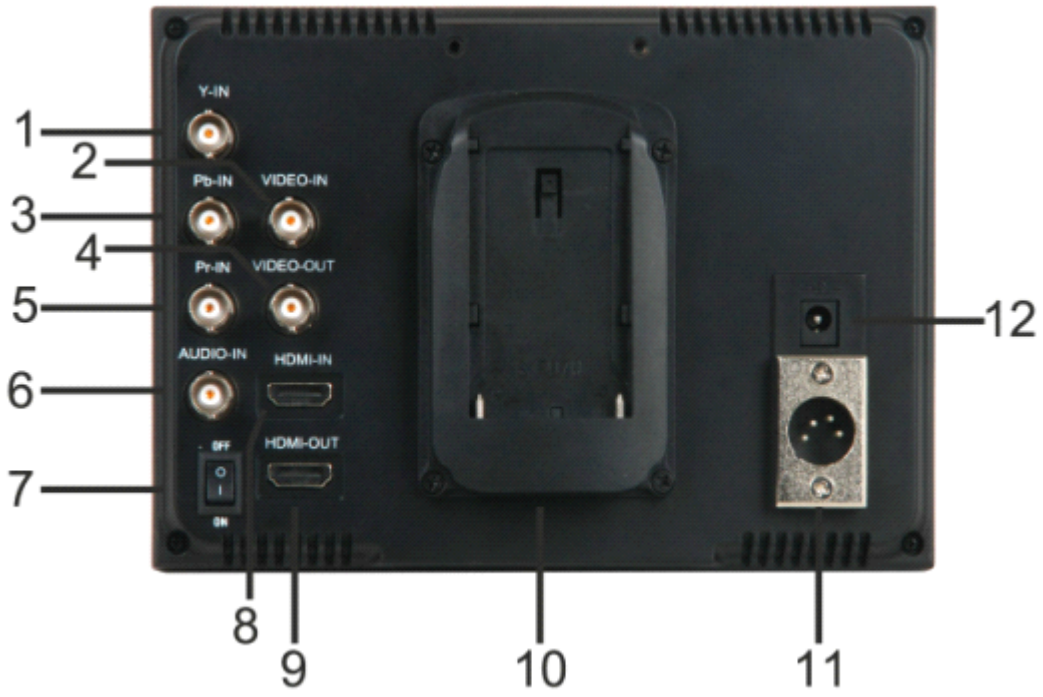
1. Product description 4
2. Power input way 8
3. Operating instructions 10
   - Panel shourcut button function instruction.....10
   - Menu operating instruction.....11
4. Technical parameters 15
5. Accessories 16
6. Trouble shooting.....17
7. Remark 17

1. Product description

• Front view

1. Power indicator light：Light turns red when powered
2. **MODE**: To switch VIDEO、HDMI、YPbPr input signal
3. **B/W:** Check Field, Press to switch the image monochrome (red、green、blue、monochromatic and color)
4. **CAMERA**: Click to switch **ON/ OFF** 5D-Ⅱ mode
5. **MARKER:** Click to switch ON/ OFF Screen Markers mode
6. **FOCUS:** Click to switch ON/ OFF Peaking Filter(Focus Assist)mode
7. **COLOR.TEMP** ： Color temperature value option adjustment
8. **4:3/16:9:** Use to switch between 4:3 and 16:9 aspect ratios
9. **MENU**： To activate OSD (on-screen display) menu
10. ▶: Function confirmation or value up while using menu setting functions
11. ▼: Menu item value down adjustment button
12. ▲: Menu item value up adjustment button. No Menu State to cycle adjust the 5 level brightness
13. ◀： Function confirmation or value down while using menu setting functions
14. 🎧: 3.5mm Earphone Jack
15. Display screen

● Back view：



1．**Y-IN**：Y signal input

2．**VIDEO-IN**：Video signal input

3．**Pb-IN**： Pb signal input

4．**VIDEO-OUT:** Video signal output

5．**Pr-IN**: Pr signal input

6．**AUDIO-IN**: Audio signal input

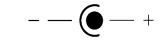
7．**Power ： ON/OFF** Switch

8．**HDMI-IN:** HDMI(High Definition Multimedia Interface) signal input

9. **HDMI-OUT**: HDMI(High Definition Multimedia Interface) signal output(Optional)

10. Battery Plate slot

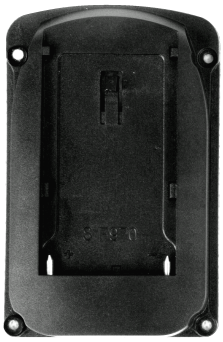
11．4-pin XLR DC power input

12．DC power input interface ： 

● ¼inch Mounting Hole

Use the ¼inch mounting hole to attach the monitor to a camera or variety of mounting devices.

● Battery Plate slot：



F970

LP-E6

D28

According to the different requirements of battery for the customers, attached different batteries plate slot**.**

Sony F970 battery slot for battery of Panasonic DV:

F970/F960 F950 T930 F770 T750 F730 F570 F550 F530 QM91D OM91 QM90D QM90 QM71D QM71 QM70D QM70 QM51D QM51 FM71 FM70 serial

Canon LP-E6 battery slot for battery of Canon DV:

Canon LP-06

Panasonic D28 battery slot for battery of Panasonic DV:

D55 554S D54SE D40 D35 D33 D32 D28 D25 D22 serial

F970

LP-E6

D28

Picture: Three types of batteries corresponding to the upper three slots

2. Power input way

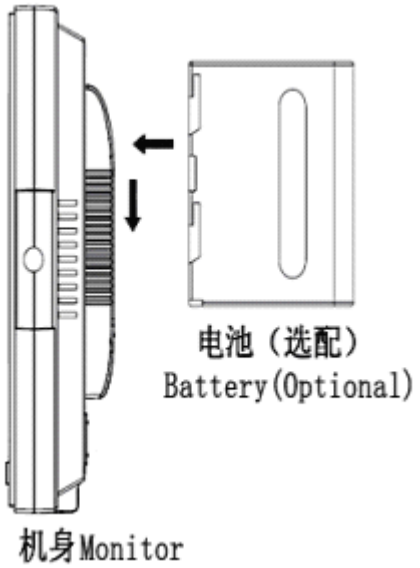
There are some ways to supply the power of the monitor.

● The power supply by the adapter. 12V/1.0A is optional DC voltage changer, insert DC power input interface directly. It can be choosed qualified adapter which current with output voltage DC 6～15V, output capacity >10W by customers

Please use the adapter attached in the accessories. If necessary to use other specifications adapter, please note to provide the qualified adapter which power supply should be not less than 10W (DC6V-24V)

● Another option of power source is using batteries. The product back case including battery slots are available for three types of batteries. Customers can choose different battery slots according to their needs.

Battery install way as below picture

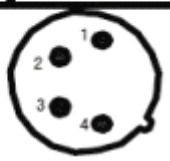


Suggestion: Better remove the battery for long-term NO use this product.
Different specifications of the battery, capability is different. The working time for the monitor will be different. Higher capability (working time) will be longer.

Without design charging circuit for the monitor, please remove the battery to the battery charger for charge.

● This product also can be by 4-Pin XLD interface to use the power supplied from camera.

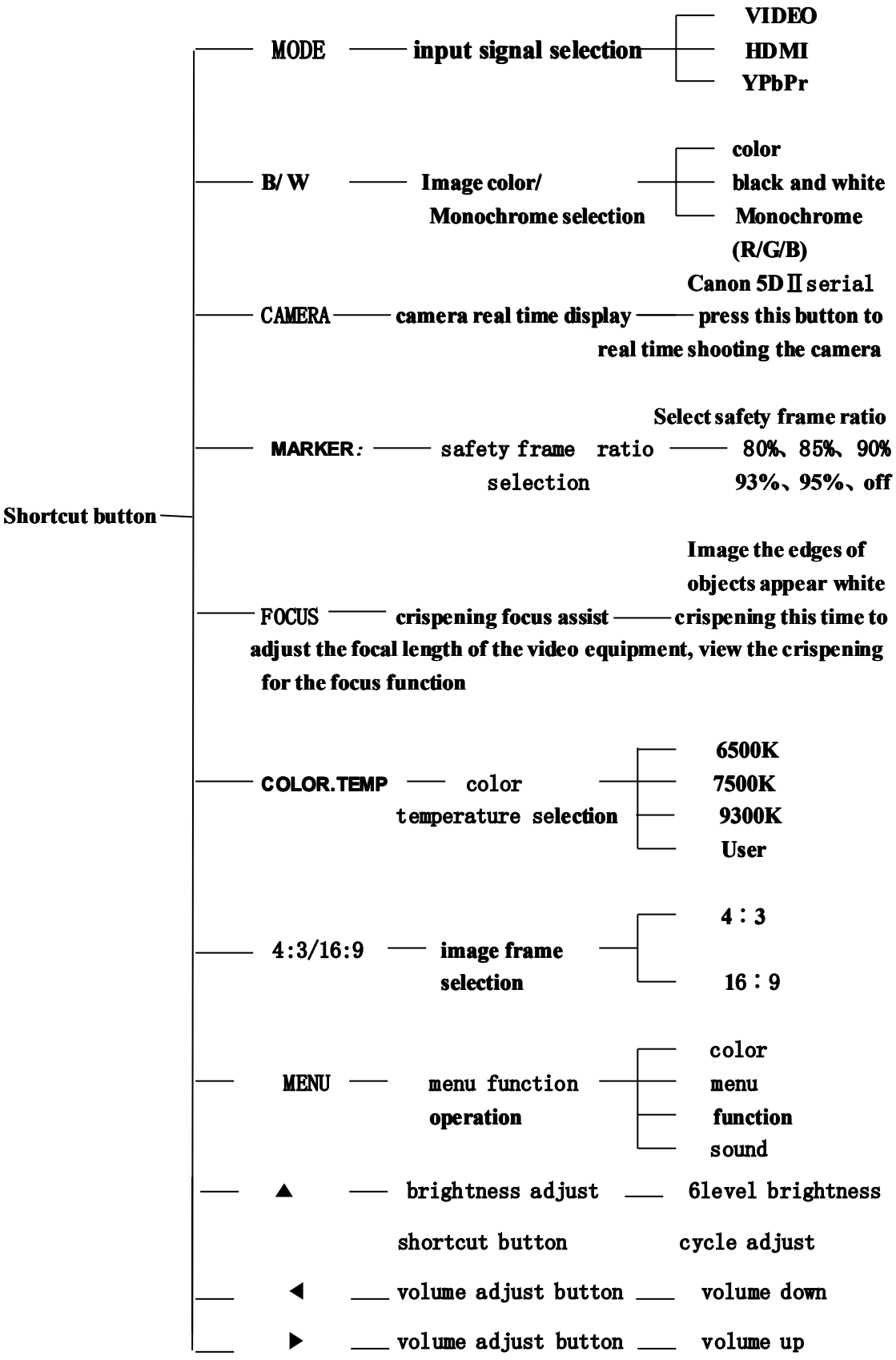
Pin Number	Signal
1	GND
2-3	NC
4	+12V



Operating instruction（When operating，the monitor should be power on in the working state）

3.Operating instructions

● . Panel shortcut button function operation

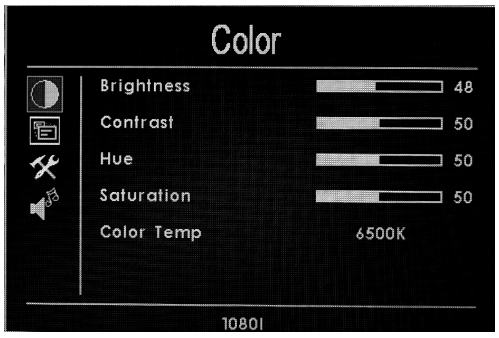


● . Menu operating instructions

Before setting the menu functions, please make sure the device is connected correctly. Power switch(lower right corner of the unit) dial to ON position. The monitor enter into working state. Please dial to OFF position when need to close the unit. After enter into working state, press the "mode" button on the unit, according to the input video signal to switch"HDMI、YPbPr、VIDEO" (under NO menu state, using the shortcut button on the panel to operate). Press "MENU" button on the unit, then enter into OSD menu operation. Operate "▲"or"▼"on the unit to select or adjust the needed optionals. (color); (menu); (function); (sound); After select optionals, press "▶"or"◀"on the unit to confirm, then using ▲"or"▼"to select or adjust the value of Analog Data. After confirm the needed adjust parameters, using "▶"or"◀"to adjust. If need to exit OSD menu, repress "MENU" button.

● （color）

Enter into "Color" OSD, press "◀ "or"▶"button to confirm, then enter to adjust the color parameters, use ""▲"or"▼"to select adjustment item, then use"◀ "or"▶" adjust the parameters.



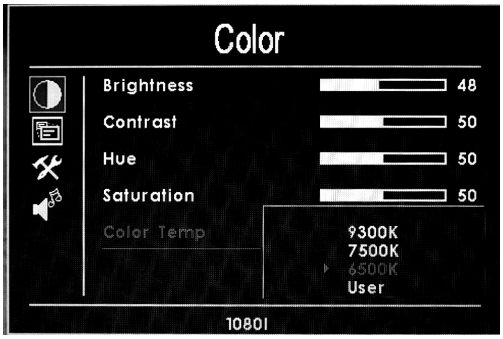
※ Brightness: To adjust the image's brightness.

※ Contrast: To adjust the brightest and darkest ratio of the image, please note the sense of picture when adjust, proportion too large or small, will make the picture lose the color of showy.

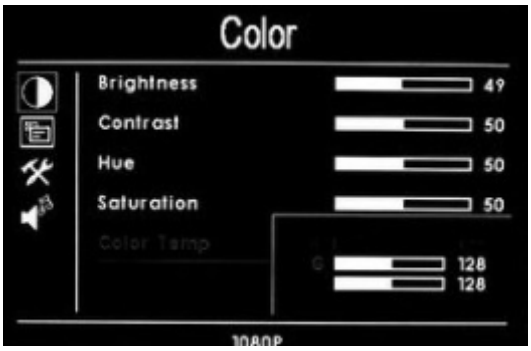
※Tint: On NTSC Video mode, the image color tint difference is adjustable by tint.

※ Saturation: To adjust color concentration

※ Color temperature: Enter into (color)menu, press " ◄"or"►"on the unit to confirm, press "▲"or"▼" to select the form of color temperature, then press ◄"or"►" on the unit to confirm, then use "▲"or"▼" to select color temperature such as: 9300 K, 7500K, 6500K or USER.(the monitor leave the factory defalts 6500K)

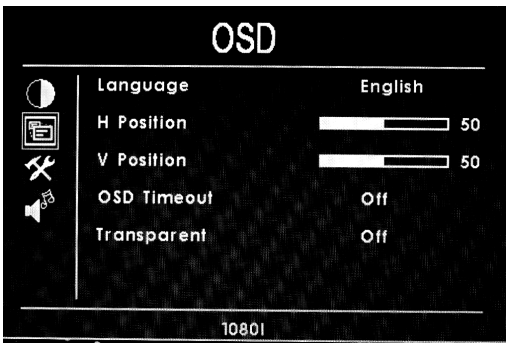


When select "USER", use "▲"or"▼" to select color R、G、B, then use "◄ "or"►" to adjust the value of Analog Data, to make sure the color of picture meets need.

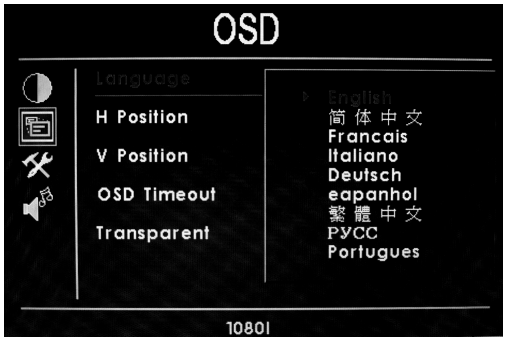


● （OSD）

After select "OSD" function, press "◄ "or"► " button to confirm, then enter into parameters adjust. Using "▲"or"▼" button to select optional items, then using "◄ "or"► " button to adjust the parameters.



※ Language： Languages for OSD as below:



English **简体中文** **Italians** **Francois**

Deutsch **Español** **繁体中文** **Japanese** **Pycc**

※ H Position：To adjust the OSD position in horizontal,

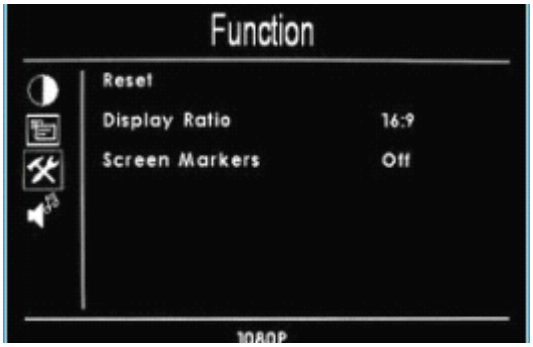
※ V Position：To adjust the OSD position in vertical.

※ OSD Timeout：To adjust the clock.

※ Transparent：To adjust the level of transparent.

● （Function）

After select "function", press “◄ ”or“►” button to confirm, then enter into parameters adjust. Using ▲”or“▼” button to select adjustable items, then using “◄ ”or“►” button to adjust the parameters.



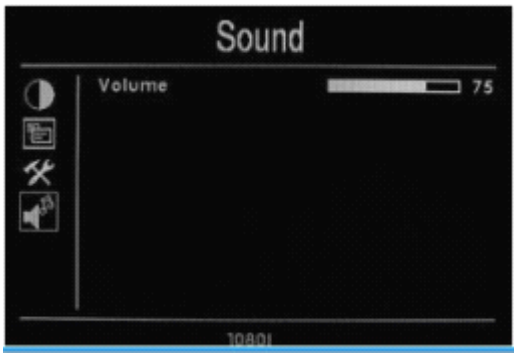
※ Reset：Back to original setting.

※ Display Ratio：To change the display ratio,16:9/4:3.

※ Finder Frame：Safety frame setting

● (Sound)

After select "function", press “◄ ”or“►” button to confirm, then enter into parameters adjust. Using ▲”or“▼” button to select adjustable items,



※ Volume: To adjust the volume.

4. Parameters

Display panel size	TFT LCD 7.0inch 1843200 Pixels
Panel type	TFT LCD
Backlight	LED
Max resolution	1920×1440
Horizontal frequency range	30-60kHz
Field frequency range	60Hz ～ 75Hz
Distance	0.05(W) x 0.15 (H)mm
Display ratio	16:9
Brightness	250 cd/㎡
Contrast	700:1
Response time	10ms
Viewing angle	75°/75°(L/R),70°/75° (U/D)
Resolution	1024×600
Input signal	HDMI、YPbPr、VIDEO、AUDIO
Signal output	VIDEO， HDMI(optional)
HDMI & YPbPr supported format	480i、480p、576i、576p、720p、1080i、1080p
Video color system	PAL-4.43; NTSC-3.58
Speaker output power	≥1W/8Ω
Input power voltage range	DC6-24V
Power consumption	≤6w
Standby current	≤50mA
Unit size(LWH)	188mm X 134mm X 42mm
Weight	446g
Working temperature	－20～55℃
Storage temperature	－30～65℃

5. Accessories

1.Standard

HDMI cable(HDMI to Mini HDMI)	1pcs
Sun shade	1pcs
Antonbauer tap	1pcs
User manual	1pcs

2.Optional

Battery	1pcs
BNC to RCA adapter	6pcs
BNC cable	6pcs
DC 12V power adapter	1pcs

HDMI cable

Antonbauer tap

Sun shade

User manual

Power adapter (optional)

BNC to RCA adapter (optional)

BNC cable (optional)

Battery (optional)

6. Trouble shooting

1. Only black and white or monochrome picture.

Please check saturation、brightness & contrast adjustment.

Confirm B/W button whether in black and white or monochrome state.

2. NO picture after put on the power.

Check signal cable connecting, make sure use the standard adapter connect the monitor. If power supply by battery, please check the battery whether fully charged.

3. The image color distortion or abnormal, eg. lack some color.

Please check signal cable whether connect correctly or not. The cable damage or loose will cause poor transfer, then above malfunction will happen.

Check "color" function menu "color temperature" adjustment, whether adjustment misconduct under the "user" state

4. If there exists an abnormal phenomenon, please try to enter into OSD menu select "reset" to reset.

■ Remark:

If there are still other problems, please contact with our related deals.
***** If there are changes without prior notice.